

PEN PICTURE OF VALLEY OF DEATH

Pacific Miner Eloquently Gives Some Idea of Famous Death Valley.

WEIRD STORIES OF HIDDEN TREASURES

No More Fascinating and Desolate Region Exists on the Globe.

A recent issue of the Pacific Miner, published in San Francisco, contained an article on Death Valley, which will give those who have not seen the valley some idea of its vastness. The article follows:

Over the dead wastes of this almost featureless and abandoned region, beauty, silence and desolation forever hover. Every acre is a blighted Eden of mystery, and nature makes an alternate play of roiling cloudscapes and blustering winds. Now and again sand hills are piled like temples, only to be blown into gorges and channels by barometric rains of not infrequent occurrence.

The elemental forces of heat and light, sunshine and storm have worked wonder and carved weird statuary in the canyons and dunes that here and there break the monotony of alkali sands and virgin waters. Mirages and arsenic springs fascinate and torture the weary traveler. Cities and fields, streams and groves melt in thin air. Crows walking in the white sands look like mounted warriors, and rocks are reflected in the fantastic air until they bear the appearance of temples of gold such as Columbus and his followers hoped to find beyond the mysterious Ind. or in far Cathay.

Yet after year man's curiosity leads him closer to the storehouses of wealth that are supposed to be buried in and around this arid region. Stories of gold in the beds of sunken rivers, tales of coveys, and now where the winds now and then expose caverns filled with nuggets, and the careers of spectacular characters who plunge into the heat of this sunken furnace, then emerge with the wealth of a Fortunatus—all these influence the imagination and add to the haunting stories of the wonderful pit that is at once the most terrible and the most fascinating area on the globe.

Nature has made this ground a forbidden spot in Inyo county, California, near the Nevada line, and not far south from the Sulphur mountain. The death of a number of emigrants who tried to cross the desert in 1849 gave the mysterious sink its name. The valley is 25 miles in length, 50, and on every acre are patches of sand that lead down to the gates of death.

The United States Geological Survey recently found by spirit level measurements that the lowest depth of the valley is 274 feet. As Mount Whitney is only 15 miles away, towering 14,500 feet into the clouds, the depression at the distinction of holding within her borders both the lowest and highest levels of dry land in the United States. The Great Salt Lake was formerly 15 feet lower than Death Valley, but the sink is now a lake.

Nowhere else on earth is there so desolate and, within, so fascinating a view as Death Valley from such elevations as Grapevine Range, Pinal Peak, and Revere Peak. The colors everywhere are weird and brilliant, with mingled shades of the somber and repellent. In one place the view is like Egypt and the Nile in another it is like the Arabian desert, and the effect on the mind is remarkable. The surrounding country and valley abound in scenes of the most grotesque and volcanic rocks. The predominant colors being black, fiery red, green, yellow and brown, with long stretches of white and gray sands and alkali, making a picture of such a nature that there are elements of grandeur in the vast distances, the eternal silence, and the colors that change with the hour of sunset, and through the silent watches of moonlit nights.

The Panamint desert and the Panamint mountains shut off the moist winds from the ocean that might otherwise temper the desert air. To the north is Ralston desert, and the eastern boundary is the other Panamint range of sand. In the summer months the temperature of the valley runs as high as 127 degrees Fahrenheit in the shade, with less than one-half of 1 per cent of moisture in the atmosphere.

Sandstorms often rage with great violence, and observers from the surrounding mountain ranges have noted that columns of sand are sometimes driven 1000 feet above the desert, terminating in busy clouds of sand, and a few parent vent across the face of the sand, and produce a color effect of green that no artistic painter has ever portrayed. Though desolation abounds in all directions, there are some forms of plant and animal life equipped by nature for the battle with the fierce desert. There are some small shrubs, much like the bitter apple of the desert, and the again dwarfish, distorted cacti appear, blistered and withering, near Furnace Creek. A few plant-looking things, but sometimes venture close to visitors, have been seen to few of human kind that they know not the meaning of fear, never having been molested.

Corals, buzzards, mice, mountain rats, gila monsters and venomous rattlesnakes with red eyes, a few horned lizards and other reptiles add to the horror of the surroundings; yet the ranges are destined to be explored by man, and the desert places will know the sound of his industry—for the country is rich in gold, silver, copper, iron, lead, zinc, and other minerals. Despite the annual death toll and the repellent conditions surrounding life in the valley, there are those who venture into the very jaws of hell in search of hidden treasure. These will ever believe that the Stovepipe springs country and other parts of the wonderful valley are yet to give up treasures as rich as the diamond fields of Colombia.

Union Assay Office.
M. S. Hanner, J. V. Sadler,
152 S. West Temple. P. O. Box 1440

Professional Kodak Finishing.
J. W. Shipley, Hooper bldg., E. 1st St.
Mail orders.

Grass and Clover Seeds.
Bailey & Sons Co., 63 East 2nd South.

Tribune Want Ads.
Bell phone 5201. Ind. phone 360-348.

All that is good in the best of wheat is made into

HUSLER'S FLOUR

Tribune Agents in Nevada.
Copies of this Tribune will be found on sale in Nevada at the following:
Caliente—John Shier.
Charley Creek—Greene & Collins.
Ely—Harville Stationery Co.; Grace Faxon; Walden & Burnett.
Elko—A. H. Cochrane.
Goldfield—Louie Polin.
Las Vegas—Wilson Drug Co.
Pioche—A. A. Carman; Pioche Drug Co.
Tonopah—T. A. Oldfather.
Terlingua—G. E. Leavitt & Son; E. A. Dyer.
Rawhide—Mrs. L. Davis; Louie Polin; P. J. Rayburn.
Hawthorne—The "Crescent."
Baldwin—R. Livermore.
Coburn—Richard Richards.
Columbia—B. L. Raylow.
Fallon—Black's N. P. Agency.
Levelock—Charles B. Baker.
Frontier—Clark Drug Store.
Mazama—McLean & Dally.
Reno—Rosenthal & Armanak; Shepard & Son.
Wander—Adams Bros.

UTAH RESOURCES STILL IN INFANCY

Cement Production in This State More Important Than Most People Realize.

Utah has so many resources that are still in its infancy, occasionally one is overlooked. The cement that is produced in this State is one of the industries seldom mentioned, and the following account of one of these concerns in the Mining World will prove of interest.

The Union Portland Cement company of Ogden, Utah, whose new mill is located at Devil's Slide, has a capacity of 2500 barrels per day, which can be doubled. Electric motor drive is used throughout the mill, alternating current machines being employed in all cases except for the motors that drive the rotary cement kilns.

The plant is advantageously located on the main line of the Union Pacific railway, in a narrow canyon of a small mountain stream tributary to Weber river. A long light foothill from whose side the rock used in making the cement is taken rises behind the plant. Tracks are laid in a bench cut along the hillside from sixty to seventy feet above the canyon bottom. High lime rock is loaded into five-ton dump cars by means of a steam shovel, and brought to the tipple and crusher house.

This crusher house is fifty feet by eighty feet, and is on the steep hillside. It is considerably higher than the other. The tipple is placed in the uphill end of the building with the track on it at the level of the quarry tracks so that the cars can be shunted onto it readily. The hopper under the tipple feeds a No. 9 style K Gates breaker, which is driven by an eighty-five horsepower motor. Two No. 6 style K Gates breakers, each motor-driven, and two Allis-Chalmers 100-horsepower rotary crushers, which are driven by sixteen crushing rolls, are provided below the No. 9 breaker.

The output from the No. 6 machines is delivered to one or both of a pair of 40-ton proportioning bins. The rolls, driven by a motor, deliver to a bucket elevator which also discharges into the bins. By means of this arrangement provision is made to handle both kinds of rock through the crusher house and to proportion them before they are sent to the mill proper.

A concrete-lined tunnel, ten feet by ten feet in cross section, extends longitudinally under the row of bins and ends in a fifty-four by 100 foot drier house. This drier house contains two six feet by six feet Allis-Chalmers rotary driers, each motor-driven from a set of gears. Stone is elevated from the tunnel to two 200-ton storage bins over each drier, one over each of the driers, one over each. The driers are fired by means of mechanical stokers, coal for which is delivered to a hopper at the side of the building from the tracks above.

The fine grinding machinery is in a building sixty-eight feet by 100 feet, adjoining the drier house. This machinery is all driven from motors placed in the center of the building and separated from the machine by light partitions to protect them as much as possible from the fine dust which is always present. The building housing the charging end of three eight feet by 150 feet Allis-Chalmers rotary driers is located across the center of the building and is separated from the machine by light partitions to protect them as much as possible from the fine dust which is always present. The building housing the charging end of three eight feet by 150 feet Allis-Chalmers rotary driers is located across the center of the building and is separated from the machine by light partitions to protect them as much as possible from the fine dust which is always present.

Each kiln is carried at three points by roller bearings. It is driven through gears by a direct current motor housed in a small building at one side of the kilns. The discharge end is enclosed by a structure similar to those around the charging end. Pulverized coal is fired into these ends under a hopper. The kiln is made directly into a six-foot by forty-foot Allis-Chalmers rotary drier, located under the floor of the building. A spray of water is applied to the clinker, and the resulting steam is carried off by the stack. The clinker is then taken to the cement grinding room and then to the storage bins. The cement is delivered to the trucks, each of 3500 barrels capacity, or 21,500 barrels in all.

The Union Portland Cement company is controlled by prominent Utah interests. Senator Reed Smoot, being one of the vice presidents.

SOUTHWESTERN WYOMING HAS HIGH GRADE OF OIL

The coal and oil of southwestern Wyoming have for many years commanded a wide interest. As early as 1843 Fremont found beds of coal in this region, and in 1848 an "oil spring" near the site of the present town of Hulett was noted. The latter-day oil fields were discovered by a little boy by W. Clayton. It is reported that Brigham Young had a shallow well dug at this point, which is now known as the Brigham Young oil spring.

Coal mines at Frontier, Diamondville, and Cumberland in Uinta county, now produce about 2000 tons of coal a day, and some oil wells in this region furnish a large amount of oil. A detailed report on this southwestern Wyoming field, by A. C. Veatch, of the United States Geological Survey, prepared especially with reference to the coal and oil, has just been published for free distribution as Professional Paper No. 55 of the Survey.

The area considered comprises the extreme southwestern corner of Wyoming and a small portion of Utah. Mr. Veatch discusses the geology of the region, gives detailed descriptions and sections of the coal beds and analyses of the coal, and a list of the oil fields, including a list of wells drilled, well sections and other data. The report contains several excellent maps and many illustrations. One of the maps shows the irrigated and irrigable lands of a part of the region, and a minor section relates to underground water. The oil of this region is of very high grade and the areas in which it may probably be found are of large extent, as indicated on the maps accompanying the paper. It is noted that the government is today the largest owner of lands in this region. In the two most important coal fields, which cover an area of 221,757 acres, the government holds 106,622 acres, and 75,000 acres were included in the Union Pacific grant.

REPAIR DAMAGE AT RAYMOND-ILLINOIS

New Engine for Tintic Mine Where Serious Accident Occurred.

MANAGEMENT WILL BE ABLE TO SINK DEEPER

Hoisting Equipment Partly Wrecked When Water Wheel Busted.

Manager J. C. Sullivan has decided to purchase another engine for the Raymond-illinois mine to take the place of the one which was so badly wrecked Thursday of last week, says the Ephraim Reporter. The engine which was being installed at once was purchased from the General company. It is exactly the same kind of an engine as the one at the Godiva mine, being 300-horsepower capacity. With this engine the Raymond-illinois company will be able to sink to greater depth should the management decide upon such a course at some future date. The shaft is now down below the 500-foot level, and most of the development work during the past few years has been upon this level.

The engine, which was so badly damaged last week, did service at the great Silver King mine, at Park City, before being brought to Tintic. It is a good engine and may yet be repaired and put into commission again.

It will require a couple of weeks more time to put the Raymond-illinois hoist in working order. When the master wheel of the engine went to pieces the cage along with 200 feet of cable dropped to the bottom of the shaft. Parts of the wheel and the drum, or the biggest portion of the shaft, struck up through the shaft house and came down upon the dump. Pieces of casting were thrown in almost every direction, and one large chunk was sent flying between the timbers of the galloways frame. Had any of the larger pieces struck the cage, the miners would have been cut in two like so many matches. The flow of water in the Raymond-illinois is not away enough to do any damage while the changes and repairs are being made to the hoisting equipment.

BIG DECREASE IN THE QUICKSILVER OUTPUT

The estimated total world production of quicksilver for 1907 was 56,676 flasks, which was the smallest amount reported for a number of years, with the exception of 1905. Of this amount the United States produced 20,500 flasks, which was 57.5 flasks less than in 1906.

One cause for the decrease is that the demand in China for the manufacture of vermilion, has fallen off considerably. Another reason given is that there is an increasing tendency toward the use of methods for the extraction of gold at the expense of amalgamation. California stands at the head of the list in production, with 17,015 flasks to its credit; 19,516 flasks were produced in that State in 1906, which shows a decrease of nearly 25 per cent. All States show a corresponding decrease.

Several promising showings of cinnabar have been discovered in Nevada, which will probably bring the production back to the old figures. In 1906 there were exported 645 flasks and in 1907 5977 flasks—over 21 per cent decrease.

J. OBERNDORFER STOCK BROKER, 161 S. Main. Tel. Bell 792.

Tribune Want Ads.
Bell phone 5201. Ind. phone 360-348.

COMMERCIAL NATIONAL BANK
SALT LAKE CITY

It Is Decidedly Safer

to pay all bills by check, and thus obviate the risk of carrying money on the person.
It is also an easy way to keep an accurate record of your income and expenditures, and gives an indisputable receipt for every dollar paid out.
The Commercial National Bank very cordially invites your account, subject to your check.
CAPITAL, \$20,000.00
SURPLUS, \$20,000.00
DEPOSITS, \$1,000,000.00

SORENSEN-STOUTT CO.

No. 41 to 51 East Third South Street. I. X. L. STORE.



SOLE WESTERN AGENTS for the sale of a small portable safe, made of steel and brass, all sizes in stock, new or second-hand, cash, terms or exchange.

Scott's Santal-Pepsin Capsules

A POSITIVE CURE
For inflammation of the bladder and kidneys. No cure no pay. Cures quickly and permanently. Absolutely harmless. Sold by druggists. Price \$1.00, or by mail, postpaid, \$1.10. Send for sample, \$1.00. THE SANTAL-PEPSIN CO., BELLPORT, N.Y.

\$31.50 To San Francisco

AND RETURN Both Ways via Ogden.

\$37.75 Returning via Los Angeles & S. I. Route.

\$44.00 Returning via Portland.

SALE MAY 2nd. Limit 30 Days.

City Ticket Office, 201 Main Street.

VIA

OREGON SHORT LINE RAILROAD

FOR GRAND REVIEW BATTLESHIP FLEET SAN FRANCISCO MAY THE EIGHTH.

Every Little Bit Added to What You Already Have Makes Just a Little Bit More.

We collected some more money for our clients last week, and some of them are smiling.

The following are among those who received the money:
T. E. Harter, Grocer, City.
C. M. Dee, Ogden, Utah.
Poulton, Madison & Owen, City.
Walker Bros. Dry Goods Co., City.
C. M. Morgan, Utah.
Union Dental Co., City.
Mrs. M. Stevenson, 51 S. 34 E., City.
Houtson Real Estate & Inv. Co., City.
Logan, Rochdale Assn., Logan, Utah.
Earl & England Pub. Co., Logan, Utah.
Advocate Pub. Co., Price, Utah.
Jas. H. Winter, Ely, Nev.
A. L. Armstrong, Sugar Station, Utah.
Blyth & Fargo Co., Evanston, Wyo.
C. A. Smith, Menan, Idaho.
Wm. G. Farrell, Penn. Mutual Life, City.
Pleasant Grove Merc. Co., Pleasant Grove, Utah.
Rosenberry Pharmacy, Park City, Utah.
A. Hatch & Co., Heber, Utah.
Spanish Fork Co-Op., Spanish Fork, Utah.
Jas. Martell & Co., Spanish Fork, Utah.
E. C. Bagley, Brimley, Utah.
Mrs. Olive E. James, 305 S. 13th E., City.
Utah Groceries, 525 W. 34 So., City.
Red streaks of honesty exist in everybody. Turn in your claims and we will collect some money for you.

Merchants Protective Association

Scientific Collectors of Honest Debt. 8 Rooms Commercial Natl. Bank Bldg., Salt Lake City, Utah. FRANCIS G. LUKE, Gen'l Mgr. "SOME PEOPLE DON'T LIKE US."

Do you own an automobile? You need a good clock and there is only one "best." We have it. Chelsea clocks run like chronometers and are guaranteed.

ESTABLISHED 1862
Park's JEWELRY STORE
170 MAIN ST. SALT LAKE CITY, UTAH
Fine Clock and Watch Repairing.

HAND SAPOLIO

It insures an enjoyable, invigorating bath; makes every pore respond, removes dead skin.
ENERGIZES THE WHOLE BODY.
Starts the circulation, and leaves a glow equal to a Turkish bath.
ALL GROCERS AND DRUGGISTS.

Westminster Heights

THE MODEL SUBDIVISION On the East Bench
DRINK IDAN-HA NATURAL LITHIA WATER. "Makes Everything Good." F. J. Kiesel & Co., Ogden, Rieger & Lindley, Salt Lake, Distributors.

Columbia Phonograph Co. (General) 327-329 So. Main St. Graphophones, Records and Supplies. Bell, 3995. Only Exclusive Talking Machine House in State.

JOHN A. KIRBY, R. K. COBB, R. K. COBB & CO., MINES, STOCKS AND BONDS. Telephone—Ind. 931; Bell, 4800. 17 West 2nd South St.

Royal Baking Powder ABSOLUTELY PURE

FOR SALE!
Salt Lake City coupon paying warrants (in \$500.00 and \$1000.00 denominations) bearing 6 per cent interest. Redeemable in ten annual payments. A safe, conservative and paying investment, especially desirable for small investors.
P. J. MORAN, BOARD OF TRADE BUILDING, CITY.

Office Hours—Daily 10 A. M. to 8 P. M. Sunday 11 to 2 P. M.

THE KNOWLEDGE OF DISEASE IS HALF ITS CURE.

IF ALL YOU WHO ARE IN NEED OF A SPECIALIST WILL CALL ON ME FIRST YOU WILL NOT HAVE SO MANY DOCTOR BILLS TO PAY. 24 YEARS IN SALT LAKE CITY.

DR. C. W. HIGGINS THE MICROSCOPIC SPECIALIST
Is the only Scientific Specialist in Salt Lake City using the microscope to form his diagnosis. Will tell each and every one of you just what your disease is, and just what you can expect. By the use of the MICROSCOPE we can detect Cancer, Catarrh, Gleet, Gonorrhea, Syphilis, and all extraneous substances mixed with the Urine or Blood. This is the scientific principle in treating Chronic Diseases and all other diseases. Just call and see for yourself.

MEN—DON'T GIVE UP

We Are Restoring Suffering Men Every Day to Robust Health. Many of Them No Doubt, Were Much Weaker in Strength Than You.
You may have been unfortunate in selecting a doctor to treat you, you may have given yourself the attention which your disease demands. You know that every day you put the matter off you are getting worse and worse. Life does not pass for you the pleasures it did. Would you not go much to possess this robust health, vim and vigor that was yours before the ravages of disease attacked your system? Now, if you do really have this desire to be strong call at our institute at once and consult the RELIABLE SPECIALIST. We have the most complete and up-to-date methods of treatment. We are in a position to treat all diseases of men in a short time after the treatment is begun. Decided improvement is noticed, and when dispensed they are out from under our care restored to the health nature intended should be theirs.

DISEASES WE CURE

We cure Vital Weakness in 4 to 5 Weeks.
We cure Ruptures in few treatments.
We cure piles in one treatment.
We cure Varicose in one treatment.
We cure Hydrocele in one treatment.
We cure Blood Poison in 30 to 90 days.
We cure other diseases of men in the shortest possible time known to medical science.

GUARANTEE A CURE We issue a positive guarantee of a cure. In every case undertaken or money refunded. We want nothing we do not honestly earn, and if we fail to cure you, we do not want your money.
WRITE People who live in outside towns and in the country and cannot consult a specialist in Salt Lake, and you have the advantage of knowing that you are in the care of a reliable specialist who has been successful in the treatment of men's ailments. We recognize no superior in our specialty.
Consult the Cook Medical Co. free before selecting your case. Hours—2 to 5 p. m. Sundays 10 a. m. to 12:30 p. m. Call or address.

COOK MEDICAL CO.

116 South Main Street, SALT LAKE CITY, UTAH

THE DOCTORS WHO CURE

\$5 A Month \$5
CATARRH—Deafness, Asthma, Hay Fever, Rheumatism, Heart Trouble, Diseases of the Stomach, Kidneys, Bowels and Bladder, and all Chronic, Acute and Private Diseases, both sexes.
UNTIL FURTHER NOTICE Drs. Shores & Shores will treat all Catarrh, Chronic Diseases of every name and nature for the low fee of \$5 a month, medicine free, to prove to the afflicted that Drs. Shores' NEW treatment is superior to all others in curing in one-fourth the time required under the methods. SPENDING the time for quick and permanent cures.

MEN—A SPECIAL DEPARTMENT FOR—MEN

Drs. Shores have a special department exclusively for the treatment and cure of all Private Diseases of men, whether caused by ignorance, excesses or contagion. Young men who have been led astray by had companions—middle-aged men who have gone to excesses—old men who have contracted sexual vice—contaminated by all have contracted diseases—the victims of blood poison—and all others who need the counsel and aid of experienced men who can cure them are cordially invited to consult this department and be advised FREE OF CHARGE.
So sure is the cure under DR. SHORES' MODERN METHODS in all private diseases that you may arrange to pay the fee for a cure in small weekly or monthly installments, at the cure progresses, or you may PAY UPON CURE. No matter what your trouble is, or who has failed to cure you, consult these Master Specialists, free of charge, and learn how you can be cured.
Drs. Shores' low rates are not held out as an INDUCEMENT to patronize them—they simply make the low rate because it is right and just—but solicit your patronage SOLELY ON THE GROUNDS OF PROVEN COMPE TENCE.
Home Treatment Cures. Write for Free Symptom List if you cannot call.
OFFICE HOURS: 9 a. m. to 5 p. m. Evenings, 7 to 9. Sundays and Holidays, 10 a. m. to 12. Consultation free.
Drs. Shores & Shores, Expert Specialists, 240 S. W. 3rd St., SALT LAKE CITY.

BLOOD POISON

FOR MORE THAN TWENTY YEARS we have made the cure of blood poison a specialty. Primary, Secondary or Tertiary Blood Poison Permanently Cured. You can be treated at home under name guarantee. Capital \$5000. We solicit the most obstinate cases. If you have contracted the old and fatal Miasm Patches in Mouth, Sore Throat, Pimples, Copper-Colored Spots, Ulcers on any part of the body, Hair or Nails falling out, write for proofs of cures.
COOK REMEDY CO., 310, 55 STATE ST., CHICAGO, U.S.A.

FOR "Drunk and Drug Addictions" SALT LAKE CITY, UTAH. Correspondence Solicited.